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TCS-110664

HANDLE VIA TALENT-KEYHOLE CONTROLS ONLY

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INSTRUCTIONS FOR THE USE OF UNIVERSAL GRID NUMBER 1

1. This grid is designed for use on all Talent/Keyhole photography produced subsequent to Mission 9062 (KH4), 4004 (KH7), and on Talent photography commencing 1 February 1964.

2. Principal features of the grid:

a. The grid is constructed of squares one centimeter in size extending 92 cm in the X coordinate and 24 cm in the Y coordinate.

b. The primary reference point on the grid is the principal point located at X46, Y12. This point is enclosed in a circle and labeled with the letters "P.P."

c. Tick marks representing the width of the image areas of Talent/KH7 photography and KH4 photography have been superimposed on the grid to insure proper alignment of these formats. KH4 ticks include the area between Y 9.2 and Y 14.8. Talent/KH7 ticks include the area between Y 0.9 and Y 23.1.

3. Positioning the grid:

a. Place the film on the viewer so that the title edge is readable.

b. Place the grid over the film so that the title edge of the grid and title edge of the film fall on the same side.

c. Align the top image area of the film with the corresponding Talent/KH7 or KH4 tick marks on the grid.

d. Place the center index line (X coordinate 46) on the top center fiducial mark of Talent and KH4 photography.

e. KH7 photography has been marked and sequentially numbered every 18 inches along the top to provide a reference and alignment point comparable to the fiducial mark. To use the grid on KH7 photography align the center index line with the index mark to the left of the object to be reported.

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SUBJECT: Instructions for the use of Universal Grid Number 1

1. Reading X, Y coordinates on the grid:

a. Coordinates are read and reported in the normal way to the right and up (X and Y).

(1) For Talent and KH4 photography use only those coordinate numbers which fall within the image area of the frame (i.e., KH4 frames fall between X coordinates 8.1 and 84.7 and Y coordinates 9.2 and 14.8, therefore, all X, Y readings on KH4 will have to fall within these numeric parameters). The normal information necessary to properly report on Talent/KH4 photography will be Mission, Pass (for KH4 only), frame, X, Y.

(2) For KH7 photography all readings will be made to the right of the center index line (that is, to the right of X coordinate 46.) For reporting objects to the left of the index line, the grid will have to be repositioned to the next index mark on the left. The normal sequence for reporting out KH7 photography will be Mission, Pass, Index No. X, Y. Note that the frame number is not required for referencing purposes on KH7 photography.

2.

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